



PATENT RECEIVED
DEC 09 2003
TC 1700

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Patent application of : Group Art Unit: 1774
Scott W. Huffer, *et al.* :
Serial No.: 09/826,236 : Examiner:
Filed: April 4, 2001 : Tamra Dicus
For: LAMINATE FOR GUM PACKAGING : Attorney Docket No.:
9325-49 (149169)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.56 and in accordance with 37 C.F.R. §§ 1.97-1.98, attached hereto is a completed PTO Form 1449. This Information Disclosure Statement is being submitted along with a Request for Continued Examination (RCE) after issuance of a final office action.

A check in the amount of \$770.00 for the RCE fee is enclosed. Authorization is provided to charge any additional fee found to be due in connection with this submission, or to credit any over-payment, to Deposit Account No. 50-0573.

**CERTIFICATE OF MAILING
UNDER 37 C.F.R. 1.8(a)**

I hereby certify that this paper, along with any paper referred to as being attached or enclosed, is being deposited with the United States Postal Service on the date indicated below, with sufficient postage, as first class mail, in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

BY Joseph W. Huffer
DATE: 12/2/03

The references identified on the attached Form 1449 may be considered relevant to the subject matter of the present application. Copies of the references are enclosed.

International Patent Publication WO 91/05706 and European Patent Publication EP 0 502 330 were cited in a European search report in a related application. The references were cited on an IDS in the present application on January 9, 2003, but have not yet been made of record by the Examiner. Additional copies of the references are enclosed herewith.

Several of the references listed on the attached Form 1449 were cited against U.S. Pat. No. 6,528,127 to Edlein, *et al.* during its prosecution, which was discovered by the Applicants since the last Information Disclosure Statement was filed in this application.

A document submitted herewith, which is entitled "Bottle Wrap Structures and Costs", shows a bottle wrap structure formed from an oriented polypropylene substrate that is surface printed and coated with an electron beam ("EB") cured coating over the printing. This structure may have been proposed by another at least as early as February 14, 1997.

A document submitted herewith, which is also entitled "Bottle Wrap Structures and Costs", shows a similar bottle wrap and provides a schematic representation of such. The structure shown therein may have been proposed by another at least as early as April 6, 1998.

A document submitted herewith, which is entitled "Bottle Wrap Back Up Math", shows cost savings associated with raw materials for a bottle wrap. The cost savings may have been proposed by another at least as early as June 16, 1998.

A document submitted herewith, which is entitled "Huntsman Packaging", shows a structure for a rice bag having the structure EB coat / print / LLDPE. The structure may have been proposed by another at least as early as October 1, 1996.

U.S. Pat. No. 5,616,400 to Zhang, U.S. Pat. No. 5,548,005 to Kurth et al., U.S. Pat. No. 4,889,884 to Dust et al. and U.S. Pat. No. 6,337,113 to Muggli et al. were initially relied upon by an Examiner in commonly assigned Pat. App. No. 09/778,334 (cited on the attached Form 1449 as U.S. Pat. App. Pub. 2003/0106465) as bases for rejection under 35 USC § 103.

United Kingdom patent publication GB 2,156,362 was initially relied upon by an Examiner in commonly assigned Pat. App. No. 09/920,084 (cited on a previously filed Form 1449 as U.S. Pat. App. Pub. 2003/0027009). The United Kingdom publication was a basis for

rejection in conjunction with structures described in the background section of the '084 application.

It is requested that the Examiner review the references identified above and on the accompanying form 1449 and make them of record as required by M.P.E.P. § 609. It is further requested that the Examiner initial the enclosed duplicate substitute Form 1449, and return one copy to the Applicants' undersigned representative.


Respectfully submitted,

SCOTT W. HUFFER, *ET AL.*

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Attorney for Applicants

SUBSTITUTE FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 9325-49 (149169)	SERIAL NO. 09/826,236
INFORMATION DISCLOSURE CITATION 				RECEIVED DEC 0 9 2003 TC 1700	
				APPLICANT: Scott W. Huffer, et al.	
				FILING DATE April 4, 2001 GROUP 1774	

U.S. PATENT DOCUMENTS


EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	AA	4,070,497	1/24/78	Wisner et al.	427	44	
	AB	4,246,297	1/20/81	Nablo et al.	427	44	
	AC	4,410,560	10/18/83	Kosterka	427	44	
	AD	5,019,202	5/28/91	Kawahata et al.	156	277	
	AE	5,070,121	12/3/91	Hinterwaldner et al.	524	31	
	AF	5,763,048	6/9/98	Takahashi	428	147	
	AG	6,228,486	5/8/01	Kittel et al.	428	354	10/6/98
	AH	6,426,507	7/30/02	Rangwalla et al.	250	492.3	11/5/99
	AI	6,528,127	3/4/03	Edlein et al.	427	494	3/8/99
	AJ	2002/0119295	8/29/02	Speer et al.	428	195	5/18/01
	AK	2003/0027009	2/6/03	Bray et al.	428	519	8/1/01

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
	AL	EP 0 737 593	10/16/96	Europe	B41M	7/00	N/A	
	AM	GB 2 284 787	6/21/95	United Kingdom	B41F	23/04	N/A	
	AN	JP 9-302264	11/25/97	Japan	C09D	4/00	X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

SUBSTITUTE FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 9325-49 (149169)	SERIAL NO. 09/826,236
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
	BA	WO 91/05706	2/5/91	WIPO	B65B	7/18	N/A	
	BB	EP 0 502 330	5/2/92	Europe	B32B3	7/10	N/A	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BC	McIntyre, "UV-Cured Durable Top Coats: A Replacement for OPP & PET Film Laminations," Presented at Future-Pak 1997, October 28-29, 1997 (together with MCTC-2138 & 2139 Data Sheets)
BD	Morton Adhesives, Mor-Quik® 477 Coating Data Sheets (Feb. 22, 1998)
BE	Morton Adhesives, Mor-Quik® 333 Coating Data Sheets (Sept. 2, 1998)
BF	Northwest Coatings Corp., "Adhesives and Coatings that Exceed our Customers' Expectations," Product Brochures and Product Sheets. (undated)
BG	Fletcher, "New Lower-Voltage EB Systems for Curing Polymers and Coatings," Journal of Coatings Technology, Vol. 65, No. 822, pgs. 61-63 (July 1993).
BH	Ravijst, "Radiation Cure Applications in the Packaging Industry," Packaging India, pgs. 107-109 (Dec. '97).
BI	Guarino, "A Review of Properties and Uses of Radiation Curing for the Near Term and Future," 1990 Polymers, Laminations & Coatings, pgs. 891-893 (TAPPI Proceedings 1990).
BJ	Pierce & Stevens Corp., Miracure EB Curable Coatings, Product Brochure, "Formulated for Success: Coatings & Adhesives for Packaging and Graphic Arts" (November 1998).
BK	McIntyre, "Total Package Concept: Electron Beam Technology for Barrier, Adhesive, and Overcoat Applications," Presented at Future-Pak '95 (20 pages) (Sept. 13-15, 1995).
BL	Harris, "UV Coating - beyond stick and shine," FlexoTech, pp. 21-22 (June 1998).
BM	Leach et al., The Printing Ink Manual, Chapter 11, pp. 636-677 (Fifth Ed., Kluwer Academic Publishers 1993).
BN	Document entitled "Bottle Wrap Structures and Costs", showing a bottle wrap structure that may have been proposed at least as early as February 14, 1997.
BO	Document entitled "Bottle Wrap Structures and Costs", showing a bottle wrap structure that may have been proposed at least as early as April 6, 1998.
BP	Document entitled "Bottle Wrap Back Up Math", showing a cost savings analysis that may have been proposed at least as early as June 16, 1998.
BQ	Document entitled "Huntsman Packaging", showing a structure that may have been proposed at least as early as October 1, 1996.

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